

(10) ABSTRACT

A data mining and knowledge discovery method and system. A data base is established in a virtual matrix form for each transaction of large scale transactional events. Data is filed and logged in a manner for rapid sorting such that given a set of identifiers for comprised transactions, a limited subset of the matrix only need be accessed for specific knowledge discovery in the nature of point-of-compromise. For each potential point -of-compromise, a tally is compiled. Potential points-of-compromise are sorted according to tally score. Score is indicative of increasing likelihood of a source point-of-compromise.